

**Air Pollution Control Technology
Environmental Technology Verification Program**

**Status Report on
Paint Overspray Arrestors**

**James T. Hanley
Research Triangle Institute**

**Presented at:
Stakeholders Advisory Committee Meeting**

June 10, 1999

Paint Overspray Arrestor Activities to Date

Technical Panel Formed	March - April 1998
Draft Protocol Distributed	April 1998
First Technical Panel Meeting	May 1998
1 st Revision of Protocol Distributed	September 1998
2 nd Revision of Protocol Submitted	November 1998
EPA-Approved Protocol Distributed	November 1998
Submit Test/QA Plan to EPA	December 1998
EPA-Approved Test/QA Plan	February 1999
Round 1 Applicants Meeting	December 2, 1998
Established Contract Agreements	Dec 1998 - Jan 1999
Conducted Round 1 Testing	March 1999
Round 1 Draft Reports to Manufacturers	May 13 - 20, 1999
Round 1 Draft reports submitted to EPA	May 18 - June 4, 1999
Round 2 Technical Panel and Applicants Meeting	May 20, 1999

Paint Overspray Arrestor Draft ETV Report

Draft copies of the first POA ETV Report will be distributed at the meeting. The report is currently undergoing EPA editorial review.

Draft reports have also been prepared for paint overspray arrestors submitted by four other manufacturers. These are in the Peer and QA review process.

EPA's Review Process:

- C Peer and QA Review
- C Editorial Review
- C Administrative Review
- C Tim Oppelt for signature

Paint Overspray Arrestor Round 2 Technical Panel & Applicants Meeting

- Technical Panel roster update
- Review Round 1 Draft Report and schedule
- Discuss Protocol Revisions

Selection process of the test arrestors revised to be compatible with manufacturing processes while maintaining unbiased selection.

Product labeling requirements modified to allow labeling of “smallest packaged unit” (i.e., the box) to accommodate difficult-to-label fibrous panels.

Updated format of Verification Statement and Report based on RTI and EPA reviews.

Affirmed that only manufacturers can submit products for testing. (An end user inquired whether they could submit a product).

Participation of other test labs postponed until after Round 2 to allow more time for the ETV process to become standardized.

- Schedule and Cost of Round 2

Paint Overspray Arrestors

Technical Panel

Consultants

- Lee Moody, Trinity Consultants

ETV Program

- Ted Brna, EPA/APPCD
- Jim Hanley, RTI, Technical Panel Chair
- Dave Reeves, MRI
- Gene Tatsch, Research Triangle Institute

Manufacturers

- John Copley, Filtration Group
- Donald Gerdes, Binks Co.
- Mike Harriman, ATI
- Mike Haufe, Columbus Industries
- Tom Justice, Purolator
- Ron Long, AAF
- Gene Lindsay, Chemco
- Greg Slay, Quality Filters, Inc.
- Jim Wooldridge, Cook Company
- Steve Wright, Innova Tech

Regulators

- Edward Childs, NC Division of Air Quality
- Barbara Driscoll, EPA/OAQPS
- Dave Kircher, Puget Sound APC
- Fred Lettice, SCAQMD/Small Coatings Group

Test Labs

- Matt Klein, AFTL
- John Sabelli, Intertek Testing Services
- Al Vatine, LMS Technologies, Inc.
- Tom Bruursema, NSF International
- Kathleen Owen, Research Triangle Institute

Users

- Murray Chappell, US Coast Guard
- Kraig Kurucz, Lockheed
- Steve Odabashian, Northrup Grummond
- Tim Sturdavant, BF Goodrich Aerospace, Aerostructures Group
- Craig Ungerecht, Boeing Commercial Airplane Group
- Joe Wander, AFRL/MLQ

Testing Costs

	Round 1		Round 2	
EPA Share	90%	\$4,670	60%	\$3,113
Manufacturer Share	10%	\$519	40%	\$2,076
Total	100%	\$5,189	100%	\$5,189

Paint Overspray Arrestor Schedule

Round 1:

Revision to Draft Reports	Currently underway
EPA signs and Reports posted on web site	July

Round 2:

Applicant Sign up	6/15/99 deadline
Submit arrestors to RTI	6/30/99 deadline
Round 2 testing	July 1999
Draft Reports to manufacturers	7/31/99
Draft Reports to EPA	8/15/99
Signed off and published	9/15/99